

ABSTRACT

When a signature is received from an adjacent repeater device, a repeater device 10 determines whether a number of packets that satisfy a condition of the received signature 5 within a unit time exceeds a predetermined threshold. When the repeater device 10 determines that the number of packets within a unit time exceeds the predetermined threshold, the repeater device 10 determines whether a number of times that the predetermined threshold is 10 continuously exceeded exceeds a predetermined value. As a determination result, when the repeater device 10 determines that the number of times that the predetermined threshold is continuously exceeded exceeds the predetermined value, the repeater device 10 sends the 15 signature received from the adjacent repeater device to another repeater device other than the adjacent repeater device from which the signature is received.